

Receipt  
BOX PCT

#5 X  
20

PATENT  
202021/140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Lee et al. )  
Serial No : 09/601,310, based on PCT/KR99/00244 )  
Filed : May 15, 1999 )  
For : METHODS FOR REFORMING POLYMER )  
SURFACE FOR IMPROVED )  
WETTABILITY )

Examiner:  
Unknown

Art Unit:  
1723

REQUEST FOR CORRECTED FILING RECEIPT

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

RECEIVED  
OCT 30 2000  
TC 1700 MAIL ROOM

Dear Sir:

Applicants hereby request a corrected filing receipt for the above-identified application. On the enclosed copy of the official filing receipt, the correspondence address contains errors. The second line of the correspondence address should read "Nixon Peabody LLP", and the third line of the correspondence address should read "P.O. Box 31051". A copy of the signed Transmittal Letter to the United States Designated/Elected Office (DP/EO/US) form as filed is enclosed herewith.

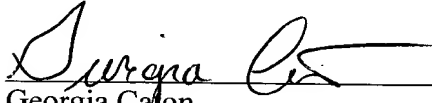
In addition, the Applicant data contains typographical errors. The Applicants' residence data reads "TAEJON-CITY, KOREA, REPUBLIC OF" but should read "TAEJEON-CITY, KOREA, REPUBLIC OF" for each of the four applicants.

Also, the data listed under Foreign Applications is incorrect. The Foreign Applications data should read "REPUBLIC OF KOREA 1998-52484 12/02/1998" and "REPUBLIC OF KOREA 1999-12643 04/10/1999". A copy of the signed combined declaration and power of attorney as filed is enclosed herewith.

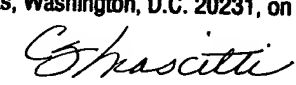
Since Applicants are not responsible for these errors, no fee is enclosed.

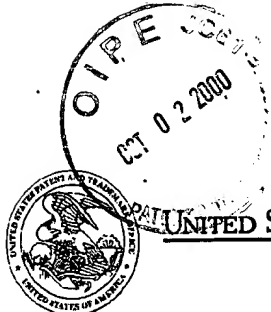
Respectfully submitted,

Dated: September 26, 2000

  
Georgia Calton  
Registration No. 44,597

Nixon Peabody LLP  
Clinton Square, P.O. Box 31051  
Rochester, New York 14603-1051  
Telephone: (716) 263-1672  
Facsimile: (716) 263-1600

Certificate of Mailing - 37 CFR 1.8(a)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below.	
9/26/00 Date	 Cheryl S. Mascitti



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/601,310	07/31/2000	1723	1454	202021/140		31	5

## FILING RECEIPT



\*OC000000005384946\*

Georgia Caton  
Nixon Peabody  
P O Box 1051  
Clinton Square  
Rochester, NY 14603

LLP P.O. Box 31051

Date Mailed: 09/08/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Sang-young Lee, ~~Taejeon~~ City, KOREA, REPUBLIC OF; Taejeon  
Byeong-In Ahn, ~~Taejeon~~ City, KOREA, REPUBLIC OF; Taejeon  
Heon-Sik Song, ~~Taejeon~~ City, KOREA, REPUBLIC OF; Taejeon  
Myung-Man Kim, ~~Taejeon~~ City, KOREA, REPUBLIC OF; Taejeon

## Continuing Data as Claimed by Applicant

THIS APPLICATION IS A 371 OF PCT/KR99/00244 05/15/1999

## Foreign Applications

REPUBLIC OF KOREA 1998-52484 02/12/1998  
REPUBLIC OF KOREA 1998-12643 04/10/1999

1999

If Required, Foreign Filing License Granted 09/08/2000

## Title

Methods for reforming polymer surface for improved wettability

## Preliminary Class

210



Data entry by : TAN, LEA-YUET

Team : OIPE

Date: 09/08/2000

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

OCT 02 2000  
 PCT/KR99/00244

TRANSMITTAL LETTER TO THE UNITED STATES		Attorney's Docket Number 202021/140
DESIGNATED/ELECTED OFFICE (DO/EO/US)		
International Application No. PCT/KR99/00244	International Filing Date 15 May 1999	Priority Date Claimed 02 December 1998
Title of Invention: METHODS FOR REFORMING POLYMER SURFACE FOR IMPROVED WETTABILITY		
Applicant (s) for DO/EO/US: LEE, Sang-Young; AHN, Byeong-In; SONG, Heon-Sik and KIM, Myung-Man		
Applicant herewith submits to the DO/EO/US the following items under 35 U.S.C. 371:		
1. <input checked="" type="checkbox"/> This express request to immediately begin national examination procedures (35 U.S.C. 371 (f)).		
2. <input checked="" type="checkbox"/> The U.S. National Fee (35 U.S.C. 371 (c) (1)) and other fees as follows:		
CLAIMS	(1) FOR	(2) NUMBER FILED
TOTAL CLAIMS	31 (20)	11
INDEPENDENT CLAIMS	4 (3)	1
MULTIPLE DEPENDENT CLAIM (S) (if applicable)		X\$260
BASIC NATIONAL FEE (37) CFR 1.492 (a) (1)-(5)):		
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482)..... \$ _____ <input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee ( 37 CFR 1.445 (a) (2)) paid to USPTO (37) CFR 1.445 (a) (2))..... \$ _____ <input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445 (a) (2)) paid to USPTO..... \$970.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33 (2) to(4)..... \$ _____ <input type="checkbox"/> For filing with EPO or JPO search report..... \$ _____		\$ 970.00
Surcharge of \$130.00 for furnishing the National fee or oath or Declaration later than <input checked="" type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482 (f))		130.00
TOTAL OF ABOVE CALCULATIONS		= 1376.00
Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)		
SUBTOTAL		+ 1376.00
Processing fee of \$_____ for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482 (f))		
TOTAL NATIONAL FEE		\$ 1376.00
TOTAL FEES ENCLOSED		\$ 1376.00
a. <input checked="" type="checkbox"/> A check in the amount of \$1376.00 to cover the above fee is enclosed. b. <input type="checkbox"/> Please change my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1138. A duplicate copy of this sheet is enclosed.		

Attorney's Docket Number:  
202021/140

3. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
- a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  - c. ☒ has been transmitted by the International Bureau.
4. ☐ A translation of the International Application into English (35 U.S.C. 371 (c) (2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c) (3)):
- a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
6. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)).
7. ☒ A signed oath or declaration of the inventors (35 U.S.C. 371 (c) (4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c) (5)).
9. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
10. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
11. ☐ A Preliminary Amendment to the to the claims in the Preliminary Examination Report (copy attached).
12. ☐ Other enclosures include:

13. The above checked items are being transmitted
- a. ☐ before the 18<sup>th</sup> month publication.
  - b. ☒ after publication and the Article 20 communication but before 20 months from the priority date.
  - c. ☐ by 30 months and a proper demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.

NAME: GEORGIA CATON  
ADDRESS: NIXON PEABODY LLP  
CLINTON SQUARE, P.O. BOX 31051  
ROCHESTER, NEW YORK 14603

SIGNATURE

REGISTRATION NUMBER: 44,597

DATE

July 31, 2000